



WARNING!

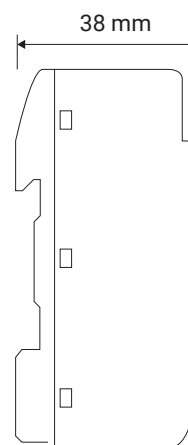
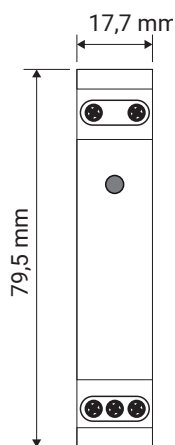
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of this device.
- This device should not be installed if, when unpacking it, you observe that it is damaged.
- Toscano cannot be held responsible in the event of non-compliance with the instructions in this document and in the documents to which it refers.
- For the correct operation of the equipment, the phases must be connected to the "L" terminals, the neutral to the "N" terminal and the earth to terminal "PE".



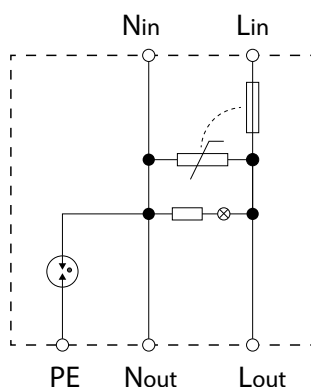
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Turn off all power supplying this device before working on it.
- Use a voltage tester on an appropriate range to verify that all live conductors are not energized.
- Failure to follow these instructions will result in death or serious injury.

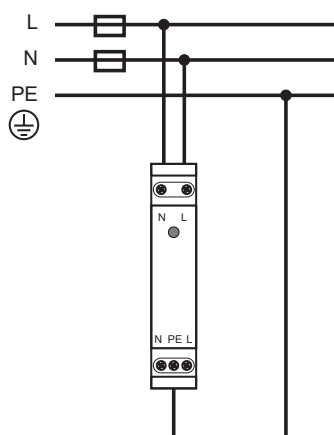
Dimensions



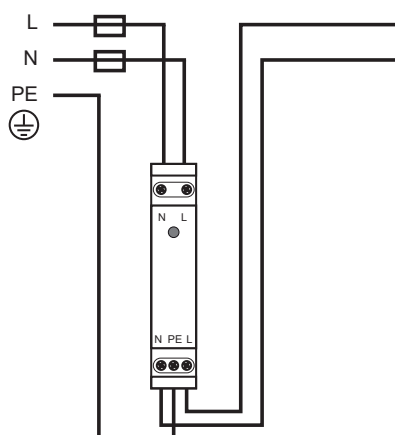
Electrical diagrams



Wiring



Parallel connection



Series connection

Technical specifications

GENERALS	Rated voltage Un (L-N)	230 VAC
	Maximum voltage Uc (L-N)	320 VAC
	Frequency	50-60 Hz
	Maximum terminal cross-section	4 mm ²
	Environmental limits	-40 ° +80 °C
	Protection	IP20
	Mounting	Rail DIN 35
	Nº of DIN modules	1
	Standards	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
	Dimensions (width x height x depth)	17.7 x 79.5 x 38 mm
	Average weight approx.	42 g

OVERVOLTAGE	Level protection Up (L-N / N-PE)	≤1,5 kV / ≤1,8 kV
	Maximum discharge current (8/20µs) Imax	10 kA
	Rated discharge current (8/20µs) In	6 kA
	Combination wave (1.2/50µs) Uoc	10 kV
	Overvoltage response time (L/N - N/PE)	≤25 / ≤100 ns
	Type	2+3
	Product standards	IEC/EN 61643-11

Description

In the event of a transient overvoltage, the device absorbs it, thus preventing any damage to the equipment connected to the mains.

The device has a green LED; if, due to an overvoltage, the protection becomes inoperative, the LED will turn off. In such a case, the protection module will have become unusable and must be replaced with another one.

Check the standards that our products comply with and download their declaration of conformity at:
toscano.es/standards

